

FIG.1

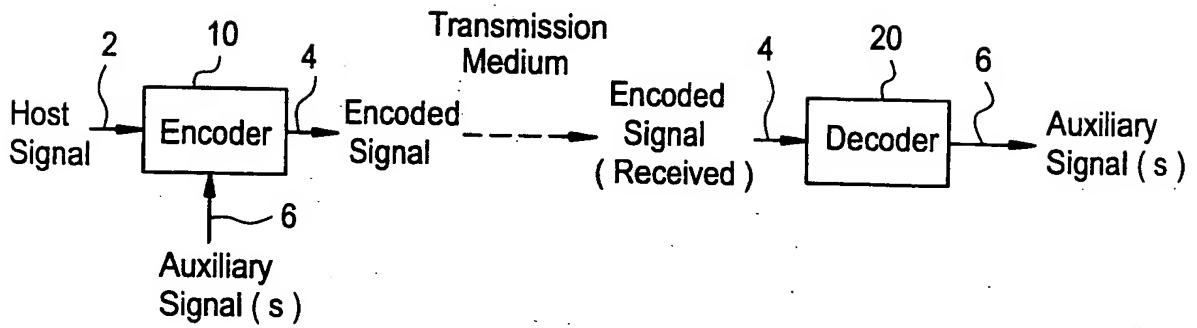


FIG.2

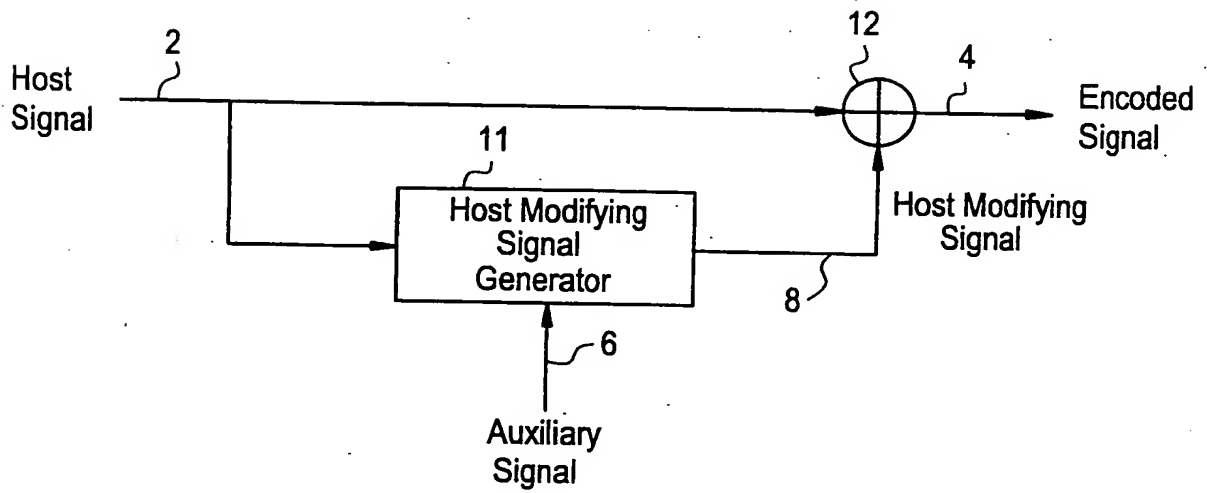


FIG.3

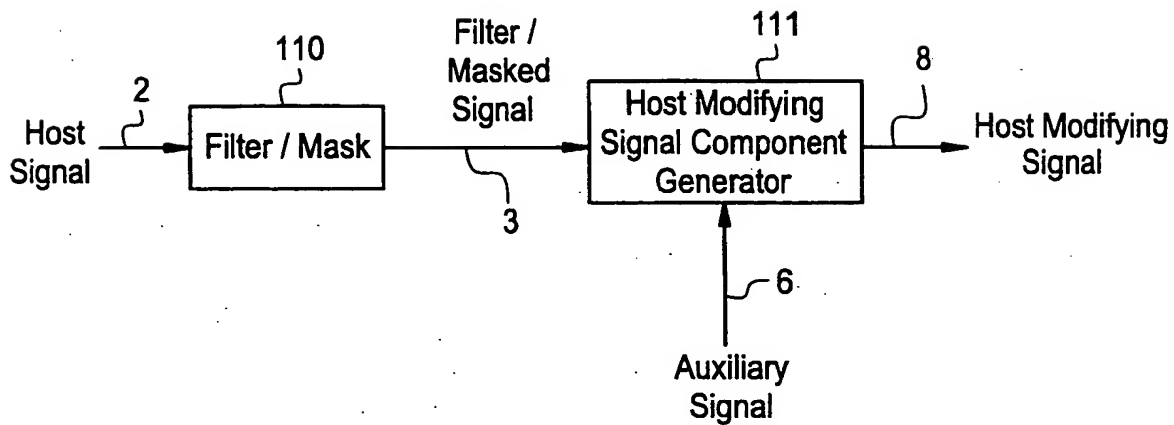


FIG.4

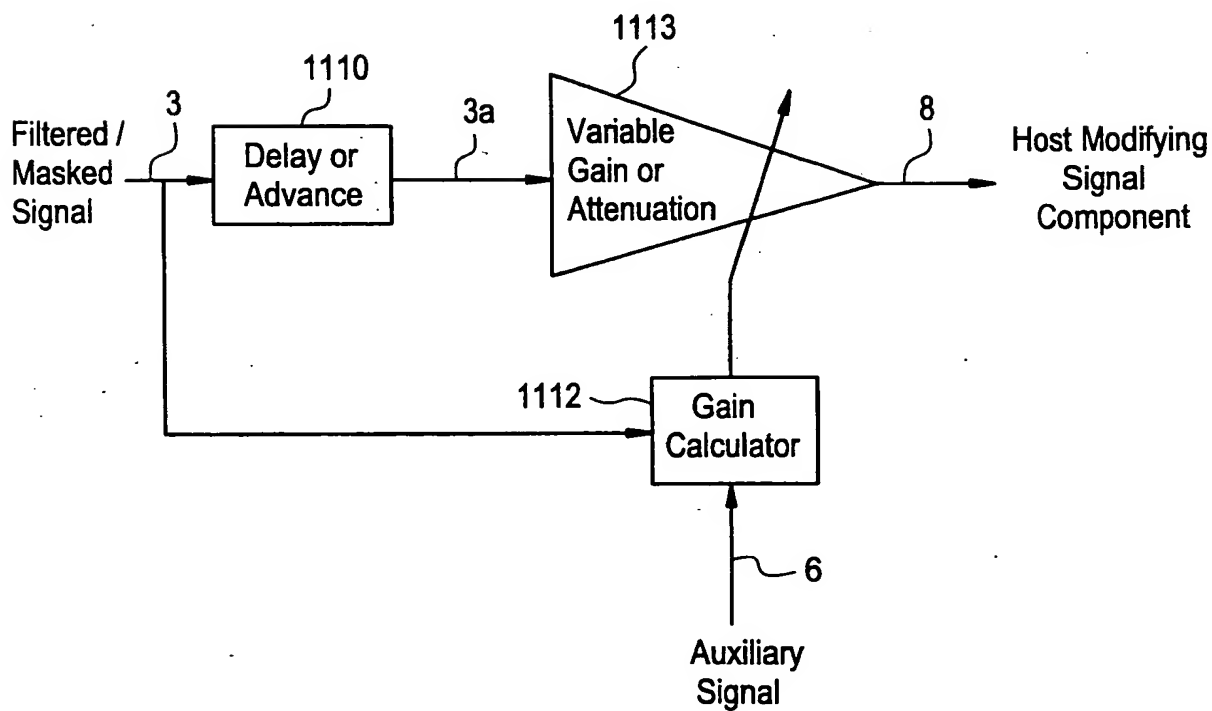


FIG.5

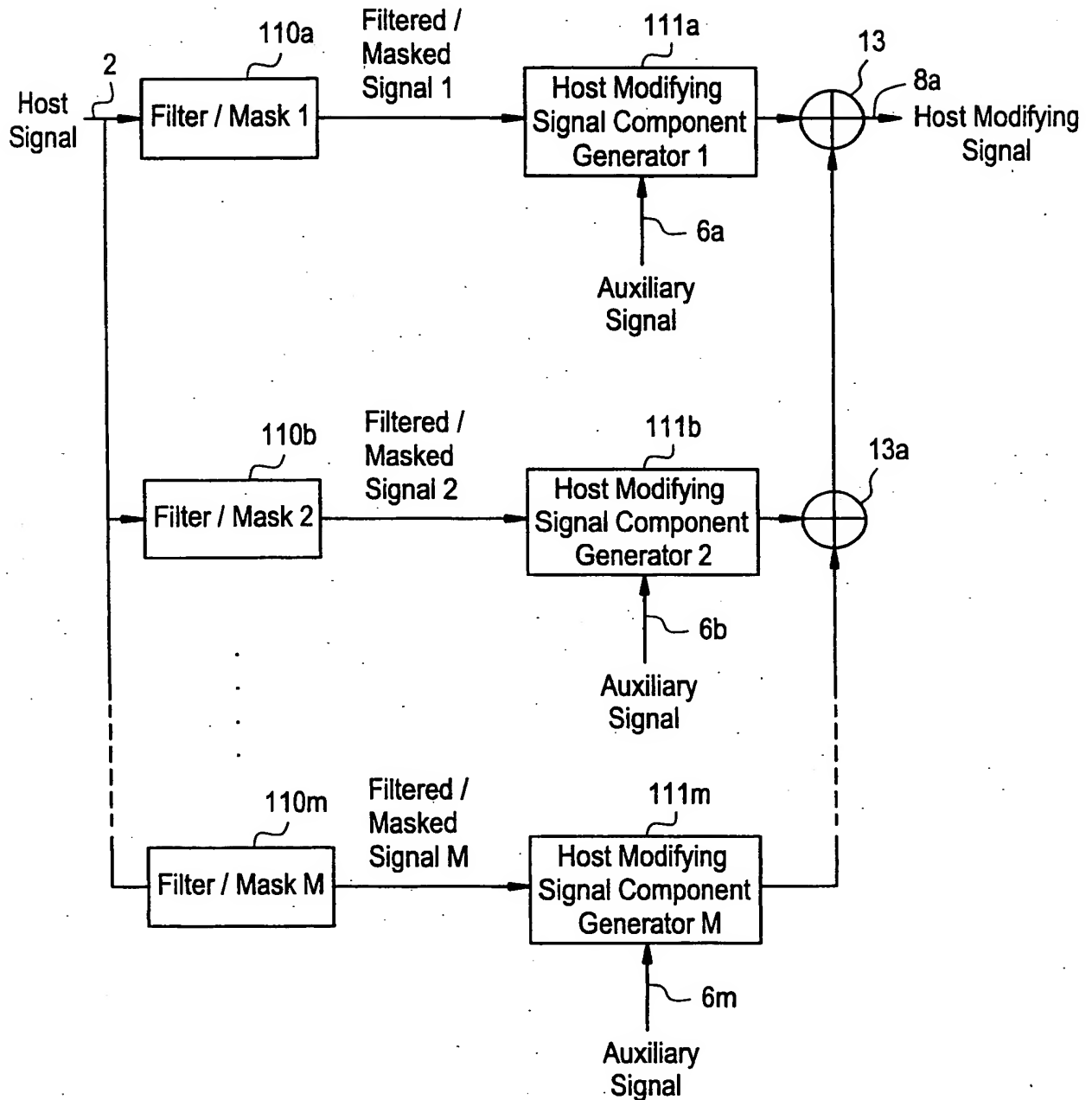


FIG.6

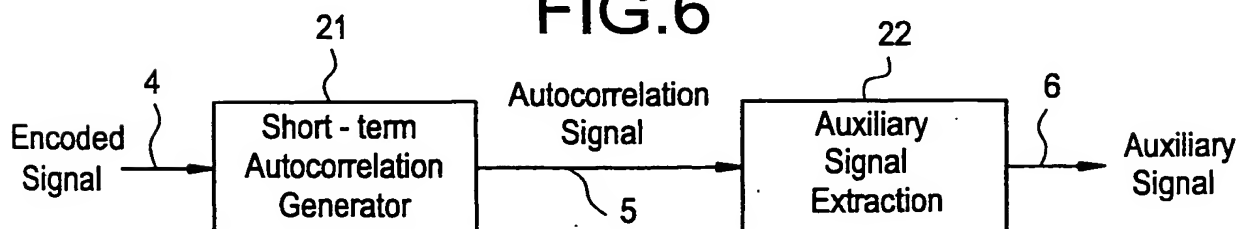


FIG.7

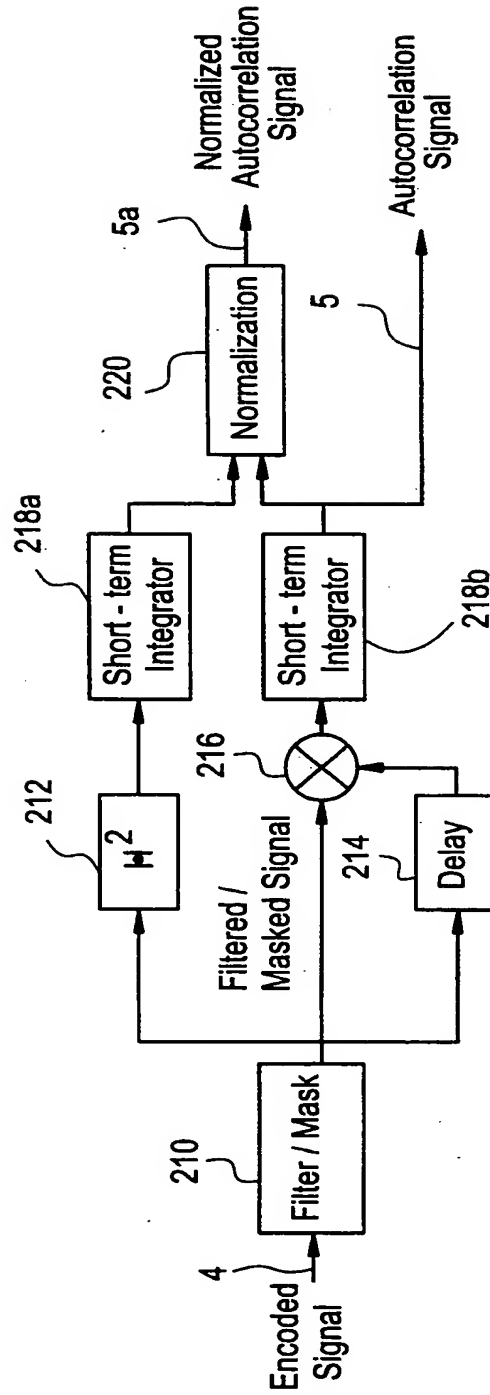


FIG.8

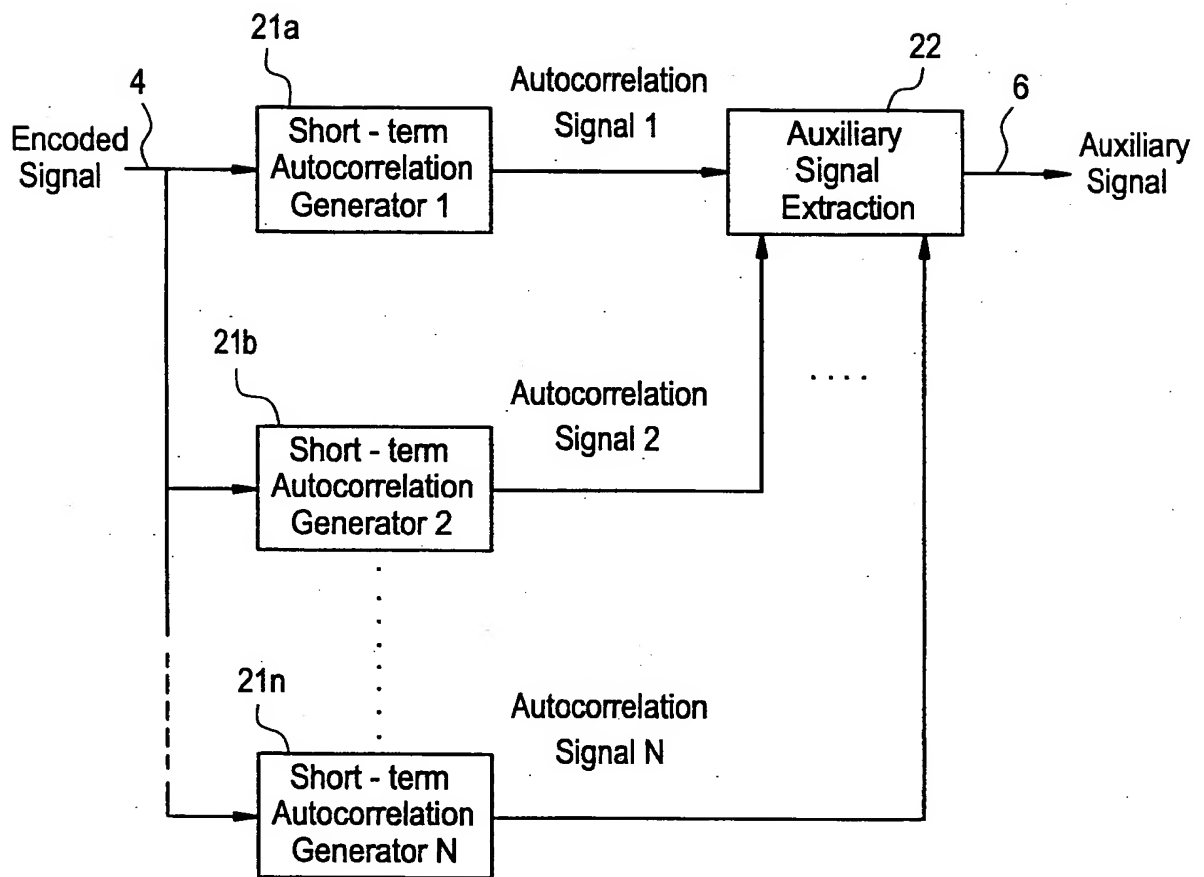


FIG.9

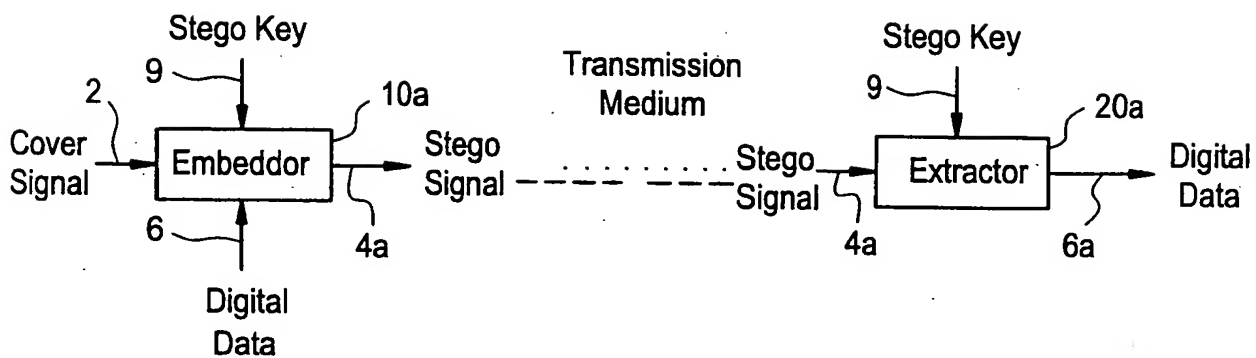


FIG.10

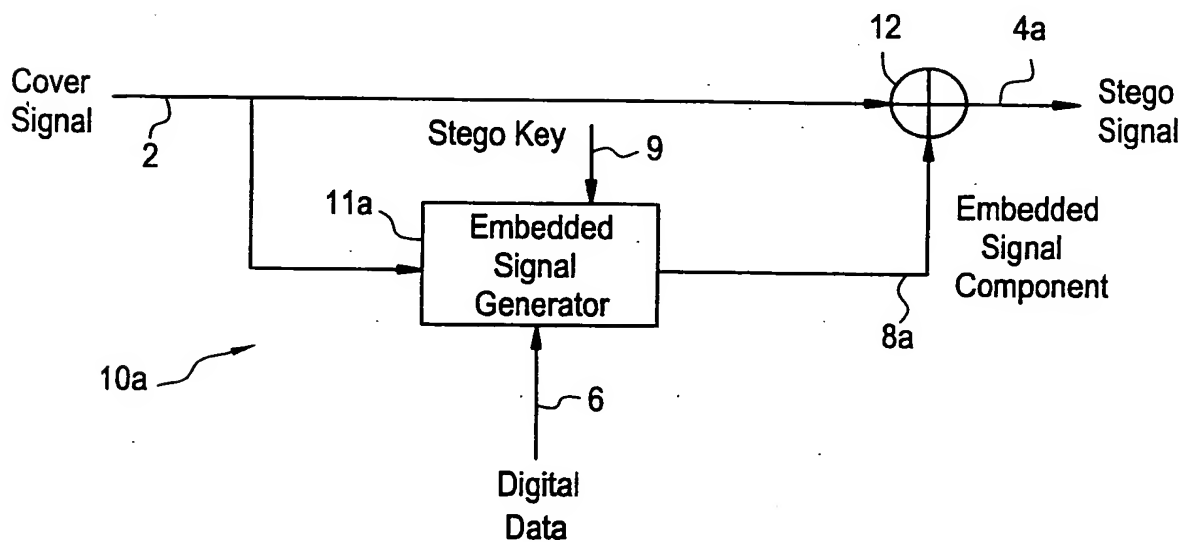


FIG.11

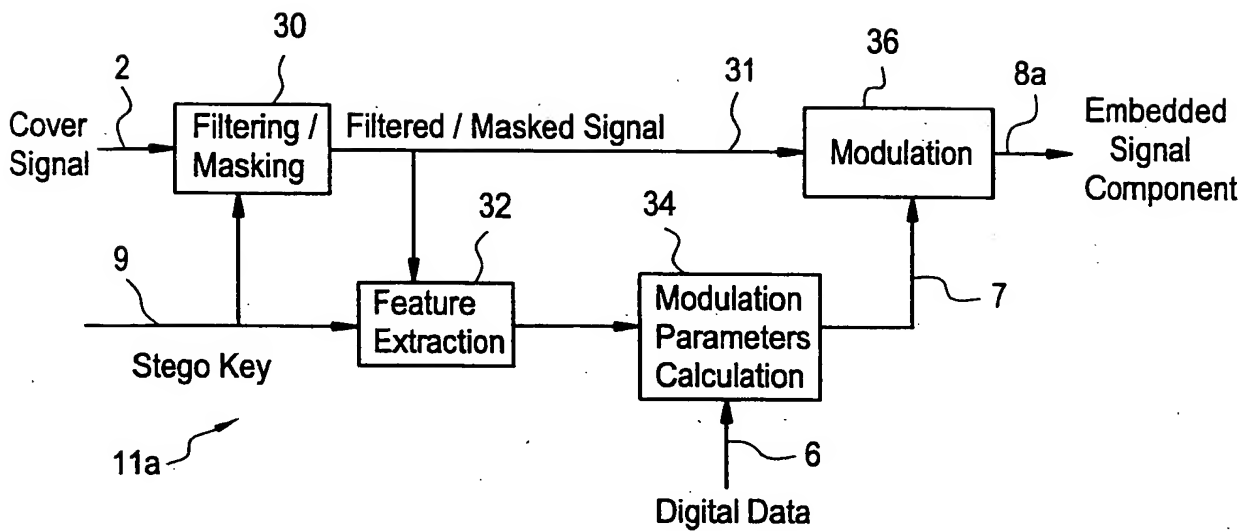


FIG.12

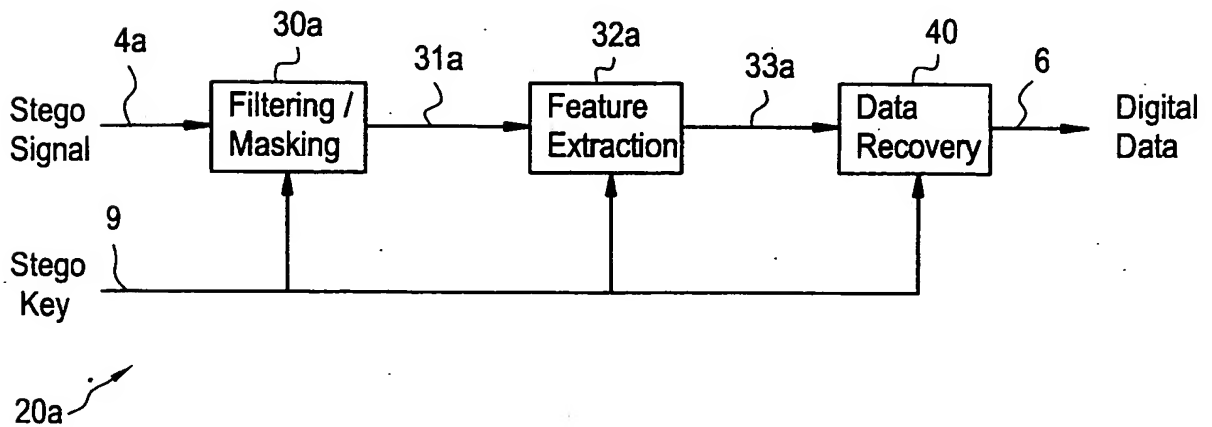
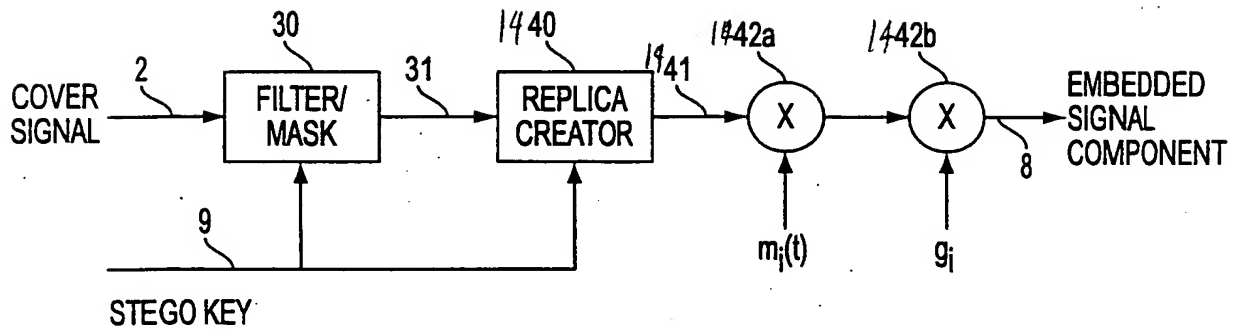


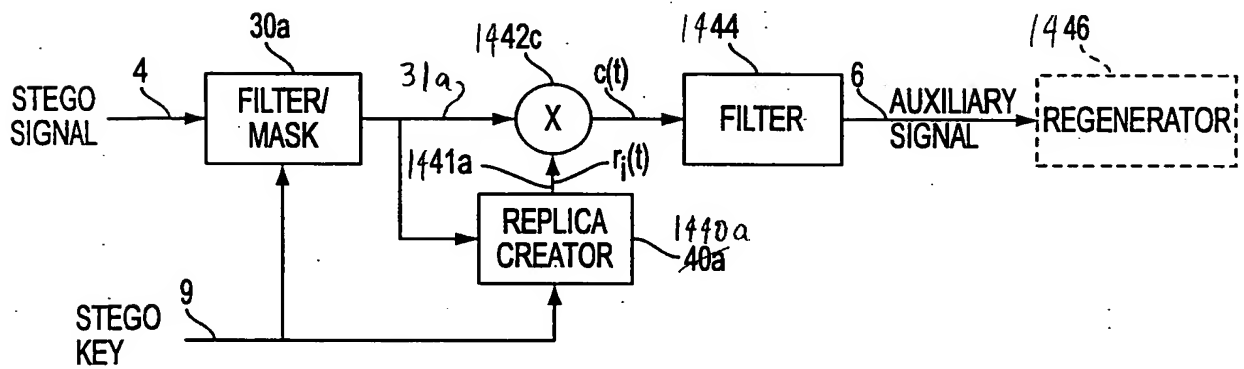
FIG.13

frequency band	5000Hz - 6000Hz
time intervals	$T = 20\text{-ms, sequential}$
distributed signal feature i- th symbol, $i = 1, 2, \dots$	$\frac{ l_{1,i} - l_{2,i} }{ l_{1,i} + l_{2,i} }, \quad l_{1,i} = \int_{(i-0.5)T}^{iT} s^2(t) dt, \quad l_{2,i} = \int_{(i-0.5)T}^{iT} s^2(t) dt$
quantization grid, binary symbols	<p>Symbol 1: $Q_1 = -0.9, -0.5, -0.1, 0.3, 0.7$</p> <p>Symbol 0: $Q_0 = -0.7, -0.3, 0.1, 0.5, 0.9$</p>



11a

FIG. 14



20a

FIG. 15

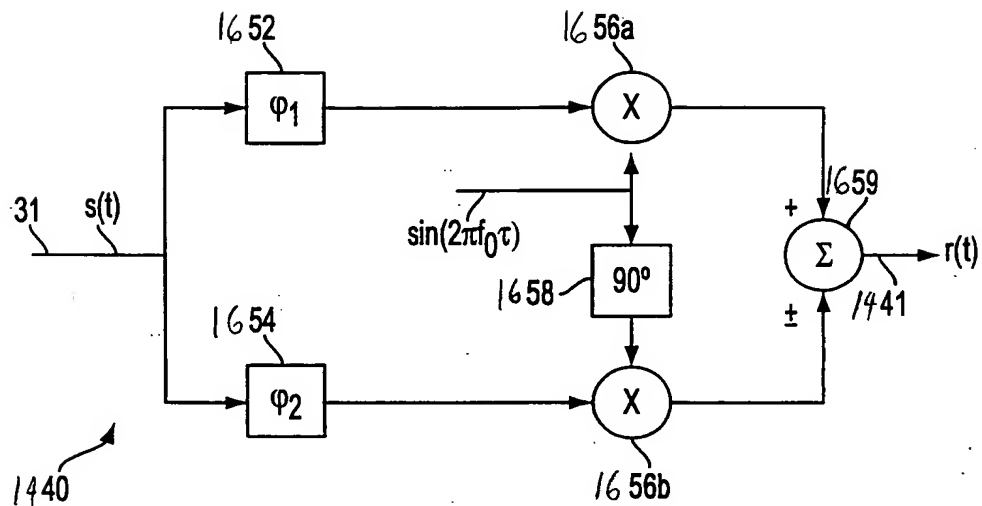


FIG. 16

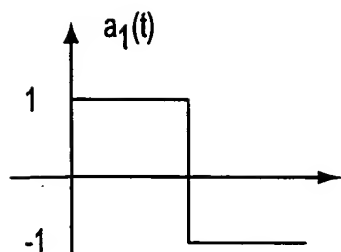


FIG. 17A

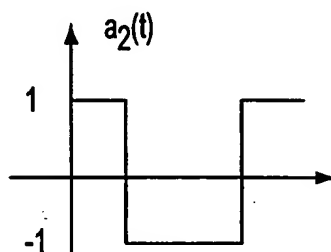


FIG. 17B

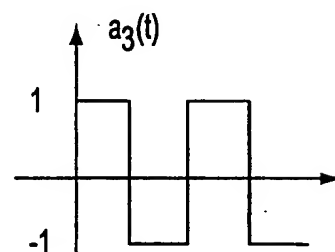


FIG. 17C